

Patent 1713
TS1011 (US)
DFH:EM

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Donald F. Haas

Date: September 9, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)

ERIC J. M. DEBOER, HENDRIKUS H. DEULING,)
HARRY VAN DER HEIJDEN, QUOC A. ON,)
AART B. VAN OORT, and ARIE VAN ZON)

Serial No. 09/964,714)

Group Art Unit: 1713

Filed September 27, 2001)

Examiner: Robert D. Harlan

PROCESS FOR THE CO-OLIGOMERIZATION)
OF ETHYLENE, AND ALPHA OLEFINS)

September 9, 2004

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

ERIC J. M. DEBOER, HENDRIKUS H. DEULING,
HARRY VAN DER HEIJDEN, QUOC A. ON,
AART B. VAN OORT, and ARIE VAN ZON

By 

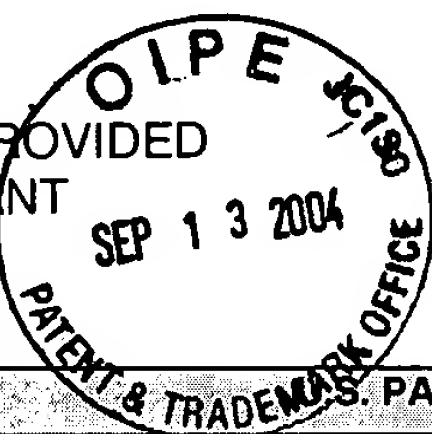
Their Attorney, Donald F. Haas
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Houston, Texas 77252-2463

FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
TS1011 (US)APPLICATION NUMBER
09/964,714APPLICANT
E. J. M. De Boer et al.FILING DATE
September 27, 2001GROUP ART UNIT
1713

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	2002/0028941	3/7/02	De Boer et al.	546	167	
	AB	5,955,555	9/21/99	Bennett	526	133	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	1,125,928 A1	8/22/01	Europe	C07D	213/53		
	AM							
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	"Olefin Polymerization with [{bis(imino)pyridyl}CO] ^{II} Cl ₂ : Generation of the Active Species Involves CO ^I ", by T. Martijn Kooistra et al., Angewandte Chemie. International Edition, WILEY-VCH, Weinheim, DE, Vol. 40, No. 24, 17 December 2001, pp. 4719-4722
	AS	"The Nature of the Active Species in Bis(imino)pyridyl Cobalt Ethylene Polymerisation Catalysts," by Vernon C. Gibson, et al., Chemical Communications-Chemcom, Royal Society of Chemistry, GB, No. 21, 2001, pp. 2252-2253
	AT	"Late Metal Catalysts for Ethylene Homo- and Copolymerization," by Steven D. Ittel et al., Chemical Reviews, American Chemical Society, Easton, US, Vol. 100, No. 4, 2000, pp. 1169-1203

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No	
	BL							
	BM							
	BN							
	BO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	"Novel Olefin Polymerization Catalysts Based on Iron and Cobalt," by George J. P. Britovsek et al., Chemical Communications-Chemcom, Roayl Society of Chemistry, GB, No. 7, 1998, pp. 849-850						
	BS							
	BT							

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